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October 13, 1989

James E. Schardt, Esq.
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RECEIVED
PHILIP MORRIS MANAGEMENT CORP.
LAW DEPT.—PATENT SECTION

OCT 17 1989

Philip Morris
Nicotine Precursor Matter

NOTED _____

Dear Jim:

Further to your instructions, we have instituted in-house and outside searches directed to infringement, patentability, and the state of the art of the invention discussed at the October 6th meeting in Richmond.

The outside search will be conducted by Charlotte M. Kraebel, Esq., who is based in Washington, D.C. She will search the Patent Office files. The in-house search will be a database search for relevant United States patents, foreign patents and patent applications, articles and conference abstracts.

The searches will concentrate on the following:

(1) Genetic engineering of plants using homologous recombination or antisense RNA technology.

(2) Tobacco plants having low alkaloid or nicotine levels.

(3) The enzyme putrescine-N-methyl transferase ("PMT").

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Source: https://www.industrydocuments.ucsf.edu/docs/hshj0000

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TO James E. Schardt, Esq.

FOLIO 2

(4) The enzyme designated EC 2.1.1.53. This may be the same enzyme as in item (3), but we are not sure.

If there be any other subject matter you would like us to search for, or have searched for, please let us know.

We look forward to seeing you on November 3rd.

Sincerely yours,

Charles B. Smith

Emily A. Evans

CBS/EAE:EE

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